L Number	Hits	Search Text	DB	Time stamp
•	3072	((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT:	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network	EPO; JPO	07:45
-	16	((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT:	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:46
		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		1
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		1
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		-
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		!
		"5222187" "5293588").pn.)) and (character\$8 or trait or feature or quality or attribute)		
	17	((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:46
		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		1
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
		5809469 *5812638* *5878395* *5903867* *5956681* *5987416* *6058365* *6161093*	ļ	
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"	1	
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"	1	
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"	1	
		"5222187" "5293588").pn.)) and (character\$8 or trait or feature or quality or attribute or	İ	
		information)		
-	16	(((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:47
		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		
		"5222187" "5293588").pn.)) and (character\$8 or trait or feature or quality or attribute)) and	i	1
		(conver\$6 or transform\$4 or alter\$4 or chang\$4)	l	1

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-	4	((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:48
	l	(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		
		"5222187" "5293588").pn.)) and (no with change or unchang\$4)		
-	19	(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"	USPAT:	2002/09/12
·		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"	EPO; JPO	07:49
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		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		
		"5222187" "5293588"),pn.) and model		
-	50	(*4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"	USPAT;	2002/09/12
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"	EPO; JPO	07:50
		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
1		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		
		"5222187" "5293588"),pn.	1	
-	17	(((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:50
		((*4907274* *6208959* *4477925* *5644641* *6100882* *4156868* *4473904* *4489433*		1
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		1
		"5222187" "5293588").pn.)		

		((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellular)	USPAT:	2002/09/12
-	1		EPO: JPO	07:50
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:30
		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		1
		5809469 *5812638* *5878395* *5903867* *5956681* *5987416* *6058365* *6161093*	į.	
		*6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"	i .	
		4525793 "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"	l	
i i		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"	l	
		"5222187" "5293588").pn.)) not (((((speech adj input adj terminal) or (portable telephone) or	l	
		(cellular adj telephone) or (cellphone)) and transmi\$8 and (speech adj recognition or voice adj		
		recognition) and network) and (("4907274" "6208959" "4477925" "5644641" "6100882"		
		"4156868" "4473904" "4489433" "4825384" "4864623" "4984178" RE34536 "5426745"	ł	
1		"5444817" "5675632" "5774628" "5809469" "5812638" "5878395" "5903867" "5956681"		
I		"5987416" "6058365" "6161093" "6185535" "6243675" "6263202" "6310833" "6223161"		
		"6223161" "5506901" "5749068" "4525793" "5671426" "5778340" "6173250" "4385359"	l	
		"4426733" "4520500" "4542524" "4551683" "4607140" "4903304" "4905143" "4910783"	i	
		"4922538" "4926483" "4926491" "5222187" "5293588").pn.)) and (character\$8 or trait or	!	İ
		feature or quality or attribute))		
	2	(((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or	USPAT:	2002/09/12
·	•	(cellphone)) and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO: JPO	07:50
		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"	1 0, 5, 5	07.50
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		f
		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		i
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		ł
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		
		"5222187" "5293588").pn.)) and (character\$8 or trait or feature or quality or attribute)) and		
j		(conver\$6 or transform\$4 or alter\$4 or chang\$4)) and stor\$4 and (detect or indicate) with		
i		(change or difference)	i	
-	5	((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:50
		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"	I	
		*5809469" *5812638" *5878395" *5903867" *5956681" *5987416" *6058365" *6161093"	[1
		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"	[
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"	[
		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"	I	
		"5222187" "5293588").pn.)) and ((no with change or unchang\$4) or stable or static)	l	1

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	5	((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
- 1		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO: JPO	07:50
- 1		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
l l		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
ŀ		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
- 1		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		1
l		"5222187" "5293588").pn.)) and ((no\$1 with change or unchang\$4) or stable or static)		
	5	((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:50
		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
	ļ	"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
i		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
- 1		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		
		"5222187" "5293588").pn.)) and ((no\$1 with change) or unchang\$4 or stable or static)		
	7	((((speech adj input adj terminal) or (portable telephone) or (cellular adj telephone) or (cellphone))	USPAT;	2002/09/12
		and transmi\$8 and (speech adj recognition or voice adj recognition) and network) and	EPO; JPO	07:50
- 1		(("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"		
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"		
- 1		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"		
- 1		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
-		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"		
- 1		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"		į
		"5222187" "5293588").pn.)) and model	l	

-	12	((("4907274" "6208959" "4477925" "5644641" "6100882" "4156868" "4473904" "4489433"	USPAT;	2002/09/12
		"4825384" "4864623" "4984178" RE34536 "5426745" "5444817" "5675632" "5774628"	EPO: JPO	07:50
1		"5809469" "5812638" "5878395" "5903867" "5956681" "5987416" "6058365" "6161093"	•	
1		"6185535" "6243675" "6263202" "6310833" "6223161" "6223161" "5506901" "5749068"		
i		"4525793" "5671426" "5778340" "6173250" "4385359" "4426733" "4520500" "4542524"	l	
I		"4551683" "4607140" "4903304" "4905143" "4910783" "4922538" "4926483" "4926491"	ŀ	
		"5222187" "5293588").pn.) and model) not (((((speech adj input adj terminal) or (portable	ŀ	
		telephone) or (cellular adj telephone) or (cellphone)) and transmi\$8 and (speech adj recognition or		
		voice adj recognition) and network) and (("4907274" "6208959" "4477925" "5644641" "6100882"		ļ
		"4156868" "4473904" "4489433" "4825384" "4864623" "4984178" RE34536 "5426745"		
		"5444817" "5675632" "5774628" "5809469" "5812638" "5878395" "5903867" "5956681"		İ
	1	"5987416" "6058365" "6161093" "6185535" "6243675" "6263202" "6310833" "6223161"		
	ļ.	"6223161" "5506901" "5749068" "4525793" "5671426" "5778340" "6173250" "4385359"		
		"4426733" "4520500" "4542524" "4551683" "4607140" "4903304" "4905143" "4910783"		
	1	"4922538" "4926483" "4926491" "5222187" "5293588").pn.)) and model)		
-	10	(("6263202") or ("6161093") or ("6058365") or ("5956681") or ("5774628") or ("5749068") or	USPAT;	2002/09/12
	1	("4907274") or ("4542524") or ("4385359") or ("6223161")).PN.	EPO; JPO	07:50
-	0	((("6263202") or ("6161093") or ("6058365") or ("5956681") or ("5774628") or ("5749068") or	USPAT;	2002/09/12
l		("4907274") or ("4542524") or ("4385359") or ("6223161")).PN.) and data adj conversion with	EPO; JPO	07:52
1		condition		
-	1	((("6263202") or ("6161093") or ("6058365") or ("5956681") or ("5774628") or ("5749068") or	USPAT;	2002/09/12
		("4907274") or ("4542524") or ("4385359") or ("6223161")).PN.) and data adj conversion	EPO; JPO	08:07
-	5	((("6263202") or ("6161093") or ("6058365") or ("5956681") or ("5774628") or ("5749068") or	USPAT;	2002/09/12
i	1	("4907274") or ("4542524") or ("4385359") or ("6223161")).PN.) and environment	EPO; JPO	08:08

	21 2	22 23	24	25 28	27	28 2	29 30	0 31	32	33 34	35	8	37	8
A speech communication system	×	×												
A speech communication method			×	×	×	×	×	×	×					
A storage medium										×	×	×	×	
speech input terminal	×	×	×	×	×	×	×	×						
speech recognition apparatus	×	×	×				×	×						
which can communicate	×	×	×				×	×						
speech input terminal	×	<u>×</u>	×		×		×		×					
speech input	×	×					×		×					
creating information for speech recognition,	×	×	×				×		×					
unique to that speech input terminal or represents an operation state	×	×	×				×		×					
transmitting the information to speech recognition apparatus	×	×	×				×		×					
speech recognition apparatus	_×	×	×				×	×		×				
creating information for speech recognition,	_×		×		×	_×		_×		×		×	×	
unique to that speech input terminal or represents an operation state	×		×		×	×		×		×		×	×	
on the basis of speech data from that speech input terminal,	×		×		×	×		×		×		×	_×	
determining a data conversion condition for communication on the basis of the information,		×				×			×				_×	. 1
transmitting the data conversion condition to that speech input terminal.			×			×			×	×			×	
executing speech recognition processing on the basis of the information.	×	×			×		×	×				×		
receiving information for speech recognition				×		×					×		×	
unique to that speech input terminal or represents an operation state				×		×		_		_	×		×	
determining a data conversion condition for communication on the basis of the information,						×							×	
transmitting the data conversion condition to that speech input terminal.	_					×							×	
executing speech recognition processing on the basis of the information.											×			

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